



**City of Sedona**  
**Public Works Department**  
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**Mystic Hills & Chapel Lift Station Replacement**

**FY20 CIP Update**

**KEY FEATURES:**

**Consultant:** Sunrise Engineering, Inc.

**Contractor:** Kinney Construction  
Services, LLC

**Timing:** April 2018 – February 2020

**Construction Challenges:**

- Maintaining operation during construction

**Project Manager:**

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**City Engineer:**

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**\$ FY20 Project Budget:** \$2,088,100

**Total Project Budget:** \$2,834,800

A condition assessment and capacity analysis of Sedona's wastewater collection system, completed as part of the Wastewater Master Plan Update, led to identification of several improvements needed in the collection system. Among those was the need to improve the pumping capacity of the Mystic Hills and Chapel Lift Stations.

This project will provide for design and construction to increase both the wet well volume and pumping capacity for both the Mystic Hills and Chapel lift stations.

**Status:** With the lift station structure in place for the Mystic Hills site, the focus of construction has shifted to installation of pumps, piping, valves, electrical components, block wall enclosure and other site work. At the Chapel site work has begun on setting up bypass pumping operations. It is anticipated that the bypass pumping will have been tested and made operational the beginning of January at which time removal/demolition of the existing lift station facilities will begin.

[The above picture is a view down into the underground pump chamber (aka wet well, approximately 16 feet deep) of the lift station. Two, 72 hp submersible wastewater pumps, capable of pumping a combined 1,220 gallons per minute will be located at the bottom.]

For a copy of this update, or updates for other projects, visit the projects website at: [www.sedonaaz.gov/CIP](http://www.sedonaaz.gov/CIP).

**Project Status**

**December 2019**

Project Phase	% Completion	Completion Date
Design	100%	January 2019
Construction	35%	February 2020